

PRESSURE-BASED INK LEVEL SENSE ENHANCEMENT USING
A PRESSURE CONTROLLING ELEMENT IN AN INK BAG

ABSTRACT OF THE DISCLOSURE

5 An ink container that includes a collapsible ink reservoir
containing an ink supply, and a collapse controlling insert
disposed in the collapsible ink reservoir for controlling a
remaining ink supply versus ink supply pressure characteristic
of the collapsible ink reservoir. Also disclosed is an ink
level detection system that includes a pressure transducer for
sensing a pressure of the ink supply that is indicative of
10 remaining ink.